



53226

Tryptone Soya Agar (TSA) w/Lecithin and Polysorbate 80 (SCDA Lecithin & Tween 80)

Part D

Specifications

Appearance (Colour)	Cream to yellow
Appearance (Form)	Free flowing, homogeneous powder
Solubility	45.70 gms/lit.
pH (25°C)	7.1 - 7.5
Solubility before autoclaving (Colour)	Light to medium amber
Solubility before autoclaving (Clarity)	Clear to opalescent
Prepared Medium Appearance after autoclaving (Colour)	Light to medium amber
Prepared Medium Appearance after autoclaving (Clarity)	Clear to slightly opalescent, may have slight precipitate
Gel strength	Firm, comparable with 1.5% Agar gel
Cultural Response	Inoculate and incubate at 35-37°C for 18-24 hours for bacteria and at 25 °C for fungal * organisms for upto 3-5 days.
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Pseudomonas aeruginosa ATCC 9027
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Escherichia coli ATCC 8739
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Pseudomonas aeruginosa ATCC 27853
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Micrococcus luteus ATCC 9341
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Salmonella typhimurium ATCC 14028
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : >=70.0%
Organism	Aspergillus niger * ATCC 16404
Inoculum (cfu) 10-100	Growth : Good
Organism	Candida albicans * ATCC 10231
Inoculum (cfu) 10-100	Growth : Good

Other Information

Applications

Tryptone Soya Agar w/ Lecithin and Polysorbate 80 is used for validation of cleanliness on surfaces of containers, equipment surfaces and water miscible cosmetics.

Composition

Ingredients	gms/lt.
Enzymatic digest of casein	15.0
Papaic digest of soyabean meal	5.0
Sodium chloride	5.0
Polysorbate 80 (Tween 80)	5.0
Lecithin	0.7
Agar	15.0

Directions

1. Add 45.70 gm powder to 1.0 litre distilled /purified water.
2. Gently heat and bring to boiling.
3. Autoclave at 15 psi pressure at 121°C for 15 minutes

General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

Available Packages

100 Gms
500 Gms

Disclaimer

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